

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No. : 10/664,998 Confirmation : 4610  
Applicant(s) : Takahiro MATSUMOTO et al.  
Filed : September 18, 2003  
Title : POSITION DETECTING METHOD AND APPARATUS

Art Unit : 1765  
Examiner : Anita Karen ALANKO

Docket No. : 1232-5156  
Customer No. : 27123

**PRELIMINARY AMENDMENT AND SUBMISSION UNDER 37 C.F.R. § 1.114**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This preliminary amendment is being submitted pursuant to 37 C.F.R. § 1.114 along with a Request for Continued Examination. Please amend the above-identified application as shown below.

- **Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.
- **Remarks** begin on page 8 of this paper.